

TECO Westinghouse

| | | |
|--------------------------------|--------------------------------|-----------------------------|
| ISSUED April 4, 2013 | PERFORMANCE DATA | ENCLOSURE TEFC |
| TYPE AEGPVM | 3-PHASE INDUCTION MOTOR | CATALOG# WPV0022C |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|-------------|----------|--------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 2.0 | 1.49 | 2 | 145TC | 230/460 | 60 | 40°C | F | B | CONT. | 1.15 |

TYPICAL PERFORMANCE

| FULL LOAD RPM | EFFICIENCY | | | | POWER FACTOR | | | MAXIMUM POWER FACTOR CORRECTION |
|---------------|-------------|-------------|------------|------------|--------------|------------|------------|---------------------------------|
| | FULL LOAD | | 3/4 LOAD % | 1/2 LOAD % | F. L. % | 3/4 LOAD % | 1/2 LOAD % | |
| | MIN. % | NOM. % | | | | | | |
| 3510 | 85.5 | 82.5 | 84 | 79 | 91 | 87 | 78 | 1 KVAR |

CURRENTS

| NO LOAD | | | FULL LOAD | | | LOCKED ROTOR | | | NEMA KVA CODE LETTER |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|----------------------|
| AT | AT | AT | AT | AT | AT | AT | AT | AT | |
| 208 VOLT | 230 VOLT | 460 VOLT | 208 VOLT | 230 VOLT | 460 VOLT | 208 VOLT | 230 VOLT | 460 VOLT | |
| 1.92 | 1.74 | 0.87 | 4.90 | 4.80 | 2.40 | 55.29 | 50.00 | 25.00 | L |

TORQUE

INERTIA

ACCEL TIME

| FULL LOAD lb-ft | LOCKED ROTOR %FLT | PULL UP %FLT | BREAK DOWN %FLT | ROTOR WR ² lb-ft ² | NEMA LOAD WK ² lb-ft ² | MAX ALLOWABLE WK ² lb-ft ² | NEMA LOAD WK ² Sec | MAX ALLOWABLE WK ² Sec |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| | | | | | | | | |

| SAFE STALL TIME IN SECONDS | | ALLOWABLE STARTS PER HOUR | | SOUND PRESSURE LEVEL @ 3 FT dB(A) |
|----------------------------|-----------|---------------------------|----------|-----------------------------------|
| COLD | HOT | COLD | HOT | |
| 12 | 10 | 2 | 1 | |

| | | | | | |
|-----------|------------------|-------------|----------------------|----------|----------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057WPV0022C | REVISION | 0 |
|-----------|------------------|-------------|----------------------|----------|----------|